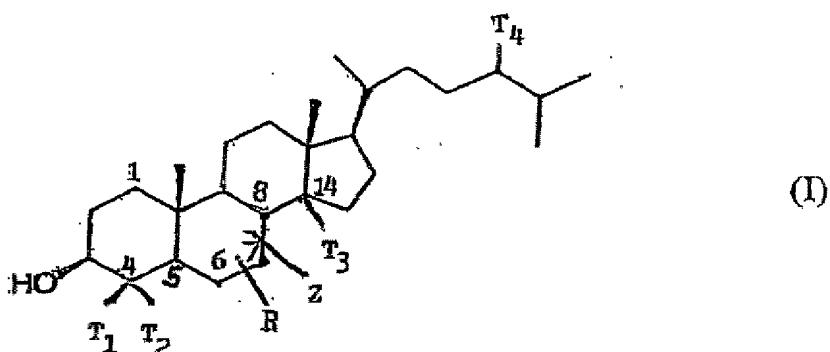


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A sterol-based compound, ~~characterized in that it corresponds~~ corresponding to formula (I)



in which formula:

the carbon in position 4 of the cholesterol skeleton bears moieties T_1 and T_2 , which are, independently, H or CH_3 with CH_3 in the α and/or β position;

the carbon in position 24 bears a moiety T_4 which represents H, CH_3 or C_2H_5 ;

the carbon in position 14 bears a moiety T_3 , which is H or a β CH_3 , ~~one of the bond between carbons 5 and 6 and the~~

bond between carbons 7 and 8 is a single or a double bond,
~~whereas the other is a single bond;~~

Z represents, in position 5 or 8, either H or OH, H
or OH being able to be borne only by a carbon that does not
bear a double bond; and

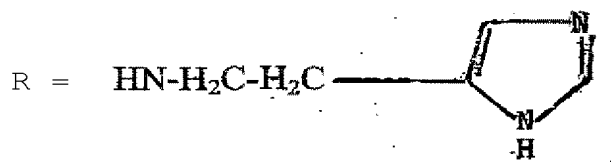
R represents in position 6 or 7, on a carbon not
bearing a double bond,

said compound selected from the group consisting of:

a compound corresponding to formula (I) in which the
bond between carbons C₇ and C₈ is a double bond, R = NH-(CH₂)₃-
NH-(CH₂)₄-NH₂ and T₁ = T₂ = T₃ = H,

~~a compound corresponding to formula (I) in which the
bond between carbons C₇ and C₈ is a double bond, R = NH-(CH₂)₃-
NH-(CH₂)₄-NH₂ and T₁ = T₂ = T₃ = H,~~

a compound corresponding to formula (I) in which the
bond between carbons C₇ and C₈ is a double bond, T₁ = T₂ = T₃ =
H and

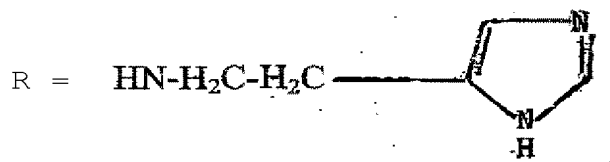


a compound corresponding to formula (I) in which the bond between carbons C₇ and C₈ is a double bond, T₁ = T₂ = T₃ = H and R = -NH-(CH₂)₄-NH₂,

a compound corresponding to formula (I) in which the bond C₇-C₈ is a double bond, T₁ = T₂ = T₃ = H and R = -NH-(CH₂)₂-O-(CH₂)₂-O-(CH₂)₂-NH₂,

a compound corresponding to formula (I) in which the ~~two bonds C₅-C₆ and bond C₇-C₈ are~~ is a single bond, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6, and R = -NH-(CH₂)₃-NH-(CH₂)₄-NH-(CH₂)₃-NH₂,

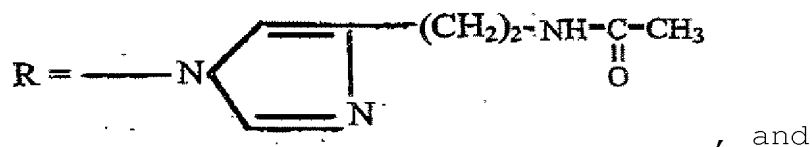
a compound corresponding to formula (I) in which the ~~two bonds C₅-C₆ and bond C₇-C₈ are~~ is a single bond, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6, and



a compound corresponding to formula (I) in which the ~~two bonds C₅-C₆ and bond C₇-C₈ are~~ is a single bond, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and having the meaning



a compound corresponding to formula (I) in which the ~~two bonds C₅-C₆ and bond C₇-C₈ are~~ is a single bond, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and having the meaning

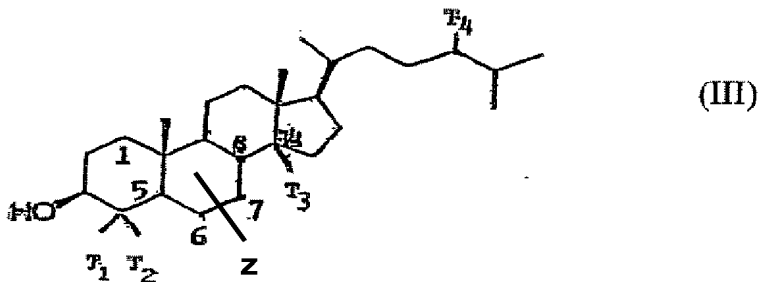


a compound corresponding to formula (I) in which the ~~two bonds C₅-C₆ and bond C₇-C₈ are~~ is a single bond, Z represents OH in position 5 and T₁ = T₂ = T₃ = H, R being in position 6 and being: NH-(CH₂)₃-NH-(CH₂)₄-NH₂.

2-11. (cancelled)

12. (currently amended) A process for preparing a compound as claimed in claim 1, comprising:

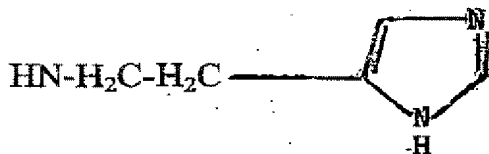
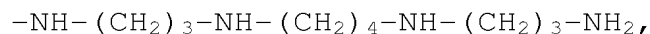
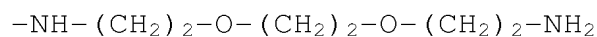
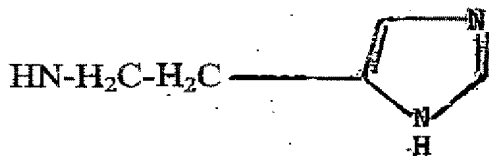
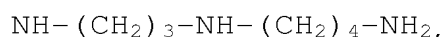
in a first step, reacting meta-chloroperoxybenzoic acid, dissolved in a solvent, with a compound corresponding to formula (III)

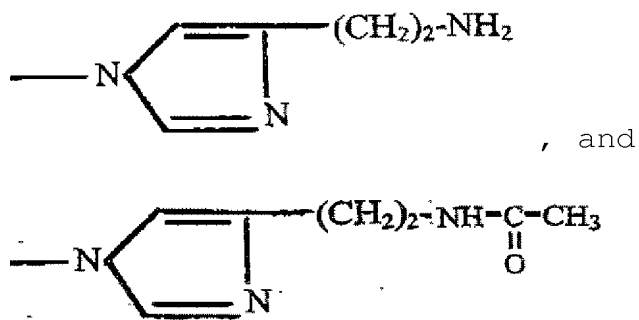


in which formula the carbon in position 4 of the cholesterol skeleton bears moieties T₁ and T₂ which is,

independently, H or CH₃ with CH₃ in the α and/or β position, the carbon in position 24 bears a moiety T₄ that represents H, CH₃ or C₂H₅, the carbon in position 14 bears a moiety T₃, which is H or a β CH₃, ~~at least one of the bond between carbons 5 and 6 and the bond between carbons 7 and 8 is a double bond, Z represents, in position 5 or 8, either H or OH, OH being borne only by a carbon that does not been a double bond, and~~ the compound of formula III being dissolved in a solvent B that is miscible with solvent A; and

in a second step, reacting the epoxy compound obtained in the first step, dissolved in a solvent C in the presence of an activator D, with an amine, dissolved in a solvent E that is miscible with the solvent C, the amine selected from the group consisting of:





13. (currently amended) The process as claimed in claim 12, ~~characterized in that~~ wherein the product obtained in the first step is purified before using it for the second step.

14. (currently amended) The process as claimed in claim 12 , ~~characterized in that~~ wherein lithium perchlorate is used as activator D.

15. (currently amended) The process as claimed in claim 12, ~~characterized in that~~ wherein methylene chloride is used as solvent A.

16. (currently amended) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a double bond between carbons 7 and 8, ~~characterized in that~~ wherein a mixture of

methylene chloride and of aqueous Na_2CO_3 solution is used as solvent B.

17. (currently amended) The process as claimed in claim 15, for the preparation of a compound of formula (I) bearing an OH on the carbon in position 5 and comprising a single bond between carbons 7 and 8, ~~characterized in that~~ wherein methylene chloride is used as solvent B.

18. (currently amended) The process as claimed in claim 16, ~~characterized in that~~ wherein anhydrous ethanol or pyridine is used as solvent C, the reaction of the second step being performed at reflux, at atmospheric pressure.

19. (currently amended) A medicament, ~~characterized in that it comprises~~ comprising, in a pharmaceutically acceptable vehicle, at least one compound as claimed in claim 1.

20-25. (cancelled)

26. (currently amended) The medicament as claimed in claim 19, ~~characterized in that~~ wherein the pharmaceutically acceptable vehicle is a vehicle for administration by injection.

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Appln. No. 10/511,765

27-28. (cancelled)